

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-11. (Canceled)

12. (New) An electrical machine having at least four exciter poles in the stator and having a commutator rotor which has a number of slots and pole teeth on its circumference, which number is greater than the number of exciter poles, having a number of commutator laminations which is twice as large as the number of pole teeth, and having at least one pair of stationary carbon brushes which are offset from one another by a pole pitch of the exciter pole and cooperate with the laminations of the commutator for supplying current to coils which are each wound onto one of the pole teeth, and the diametrically opposed laminations are each joined together via contact bridges, the improvement wherein, when there is an even number of slots, pole teeth and coils the beginning and end of one of the coils disposed on adjacent pole teeth is connected directly to the laminations adjacent to one another, and the beginning and end of the other coil is connected via one of the contact bridges to the laminations adjacent to one another.

13. **(New)** The electrical machine as recited in claim 12, wherein the coils adjacent to one another in terms of one direction of rotation are laid with their beginnings and ends on the laminations that are adjacent to one another in the other direction of rotation.

14. **(New)** The electrical machine as recited in claim 13, wherein the beginnings and ends of the adjacent coils are laid in alternation directly and indirectly, respectively, on adjacent laminations via a contact bridge.

15. **(New)** The electrical machine as recited in claim 12, wherein the coils disposed on adjacent pole teeth are each connected directly or indirectly in series with one another via one of the contact bridges.

16. **(New)** The electrical machine as recited in claim 13, wherein the coils disposed on adjacent pole teeth are each connected directly or indirectly in series with one another via one of the contact bridges.

17. **(New)** The electrical machine as recited in claim 14, wherein the coils disposed on adjacent pole teeth are each connected directly or indirectly in series with one another via one of the contact bridges.

18. **(New)** The electrical machine as recited in claim 15, wherein the adjacent coils are connected in alternation directly and via the contact bridge respectively, in series with one another.

19. **(New)** The electrical machine as recited in claim 16, wherein the adjacent coils are connected in alternation directly and via the contact bridge respectively, in series with one another.

20. **(New)** The electrical machine as recited in claim 17, wherein the adjacent coils are connected in alternation directly and via the contact bridge respectively, in series with one another.

21. **(New)** The electrical machine as recited in claim 18, wherein all of the coils and contact bridges are produced continuously with one winding wire.

22. **(New)** The electrical machine as recited in claim 19, wherein all of the coils and contact bridges are produced continuously with one winding wire.

23. **(New)** The electrical machine as recited in claim 20, wherein all of the coils and contact bridges are produced continuously with one winding wire.

24. **(New)** The electrical machine as recited in claim 21, wherein the coils and contact bridges are wound continuously in alternation.

25. **(New)** The electrical machine as recited in claim 22, wherein the coils and contact bridges are wound continuously in alternation.

26. **(New)** The electrical machine as recited in claim 23, wherein the coils and contact bridges are wound continuously in alternation.

27. **(New)** The electrical machine as recited in claim 21, wherein at least one of the contact bridges, and preferably all the contact bridges, are shifted from the commutator side of the rotor, through its slots, to the side of the rotor facing away from the commutator.

28. **(New)** The electrical machine as recited in claim 24, wherein at least one of the contact bridges, and preferably all the contact bridges, are shifted from the commutator side of the rotor, through its slots, to the side of the rotor facing away from the commutator.

29. **(New)** The electrical machine as recited in claim 8, wherein the contact bridges shifted to the side of the rotor facing away from the commutator are wrapped around at least one pole tooth and at most two pole teeth of the rotor.

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30. **(New)** The electrical machine as recited in claim 21, wherein the beginning and end of every other coil are laid from the commutator side through adjacent slots to the side of the rotor facing away from the commutator.

31. **(New)** The electrical machine as recited in claim 21, wherein all the coils and contact bridges can be wound continuously by means of automatic winders, in particular by means of so-called flyers or needles.